	Application No.	Applicant(s)
Notice of Allowability	10/699,882	BRUNHAM ET AL.
	Examiner	Art Unit
	Ginny Portner	1645

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *8/22/05*.

2. ☒ The allowed claim(s) is/are *29-32,34-40; now claims 1-11.*.

3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☐ All   b) ☐ Some*   c) ☐ None   of the:

        1. ☐ Certified copies of the priority documents have been received.

        2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

        3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

    * Certified copies not received: _____ .

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

    (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

        1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____ .

    (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____ .

    Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)

3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____

4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application (PTO-152)

6. ☒ Interview Summary (PTO-413), Paper No./Mail Date *9/2/05* .

7. ☒ Examiner's Amendment/Comment

8. ☒ Examiner's Statement of Reasons for Allowance

9. ☐ Other _____ .

EXAMINER'S AMENDMENT

1.   An examiner's amendment to the record appears below. Should the changes and/or

additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR

1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the

payment of the issue fee.

        Authorization for this examiner's amendment was given in a telephone interview with

Mr. Michael I. Stewart (Registration Number 24, 973) on September 2, 2005.

        The application has been amended as follows:

Please substitute the following claim for claim 29.

29. (Currently amended) A method of immunizing a host, which comprises:

        administering to the host an attenuated auxotrophic bacteria harbouring a vector

comprising a nucleic acid molecule encoding at least one immunoprotection-inducing Chlamydia

protein or a fragment thereof which generates a Chlamydia protein specific immune response

and a promoter operatively coupled to said nucleic acid nucleic acid molecule for expression of

said Chlamydia protein or fragment thereof by cells of the host but not by said attenuated

auxotrophic bacteria.

2.   The following is an examiner's statement of reasons for allowance: The instantly claimed

invention defines over the prior art of record and is enabled through the working examples

provided in the instant Specification, wherein the administered composition induced at least

IgG2 and IgG1 immune responses to the vector encoded Chlamydia protein, wherein the vector

was harboured by the attenuated auxotrophic bacteria, and expression of the Chlamydia protein

was by the host cells and not by the attenuated auxotrophic bacteria. The host cell expressed

Chlamydia protein induced a Chlamydia specific immune response .

3.   A **new title** that is clearly indicative of the invention to which the claims are directed is

being set forth below.

------ONE STEP IMMUNIZATION PROCEDURE FOR INDUCING A CHLAMYDIA SPECIFIC IMMUNE

RESPONSE--------

4.   Any comments considered necessary by applicant must be submitted no later than the
payment of the issue fee and, to avoid processing delays, should preferably accompany the issue
fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for
Allowance."
        Any inquiry concerning this communication or earlier communications from the
examiner should be directed to Ginny Portner whose telephone number is (571) 272-0862. The
examiner can normally be reached on M-F, alternate Fridays off.
        If attempts to reach the examiner by telephone are unsuccessful, the examiner's
supervisor, Lynette Smith can be reached on (571) 272-0864. The fax phone number for the
organization where this application or proceeding is assigned is 571-273-8300.
        Information regarding the status of an application may be obtained from the Patent

Application Information Retrieval (PAIR) system. Status information for published applications

may be obtained from either Private PAIR or Public PAIR. Status information for unpublished

applications is available through Private PAIR only. For more information about the PAIR

system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR

system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Vgp
September 2, 2005

LYNETTE R. F. SMITH
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 1600